

Department of Natural Resources Legislative Report 2002



Where Life and Landscape Connect.



Interior Secretary Gale Norton joins Governor Mike Leavitt and Representative Jim Hansen at the governor's mansion.

ADMINISTRATION

Mission Statement

Sustain and enhance the quality of life for people today and tomorrow through the coordinated and balanced stewardship of our natural resources.

Values Statement

We serve with integrity, civility and accountability to make a difference.

■ Department of Natural Resources
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<http://www.nr.utah.gov>



Ron King, Sherm Hoskins, Hugh Thompson, Robert L. Morgan, Betty Barela and Darin Bird.



Carlos Rodriguez, Dennis Carver and Lloyd Johnson.

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Administrative Team

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- Law Enforcement Director, William Woody
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Interagency law enforcement, resource protec-
tion and internal affairs programs.



Governor Leavitt helps kick off Take Pride in Utah Two.

Highlights of FY 2000-2001

July 1, 2000 – June 30, 2001

- Created the Chairs Roundtable. Brought together the board chairs from each of the divisions to work together in concert so that all divisions within the department will be focusing on the common vision of the department.
- Established Center for Policy and Planning. Bringing public lands and RDCC personnel from governor's office under department umbrella developed a unified natural resource policy.
- Established the State Energy Coordinating Team. Merging of Office of Energy and Resource Planning with Office of Energy Services at a time of potential crisis in the energy industry helped provide a one-stop office for energy related issues.
- Led the way in three-pronged statewide conservation initiative. Through conservation easements 33,000 acres of critical lands and wildlife habitat has been preserved. A major effort to conserve energy was mounted through PowerForward Campaign. A similar campaign has been launched to help Utahns become aware of the water shortages in the state and the need to conserve water consumption.
- Endangered species: In partnership with local governments and private property owners throughout Southern Utah which allows continued development while still protecting over 65,000 acres for protected species.
- Resolution reached on the boundaries of the Great Salt Lake and Utah Lake.
- Championed passage of a state *Forest Practices Act* through Utah State Legislature and prepared Utah's response to U.S. Forest Service roadless initiative.
- Worked with NRCS and local entities to reduce salinity level on more than 75,000 acres of land in Colorado River Basin.
- Helped develop and signed a Memorandum of Understanding with BLM, U.S. Forest Service, and SITLA regarding OHV trails and regulations in the state.
- Coordinated an interagency statewide hazard and risk assessment of communities to address urban wildland interface issues and developed a priority list of fuel treatment and other hazard reduction efforts to protect communities from wildland fire threats.
- Expanded Take Pride in Utah from a one-day state wide cleanup effort into a month long partnership with communities around the state aimed at not only cleaning up but truly showing pride in Utah. Established Take Pride Two in which boy scout troops around the state were encouraged to help cleanup state and national parks in advance of Olympic games.
- Involved in Olympic effort as host of Nordic events being held at Soldier Hollow.
- Supplying nearly 90 officers to Utah Public Safety Command.
- Chaired Utah Community Forest Partnership in providing thousands of trees to Olympic venues, gateways and communities.



Kathleen Clarke served as executive director from 1998 until 2001. She now is director of the U.S. Bureau of Land Management.

Natural Resources Funding Sources

Fiscal year ending June 30, 2001 (unaudited)

Revenue

General fund	\$ 34,827,317
Restricted funds	40,389,104
Dedicated credits	13,477,253
Federal funds	22,404,282
Other	18,808,806
Total	\$ 129,906,762

Expenditures

Administration	\$ 4,770,310
Forestry, Fire and State Lands	13,186,809
Oil, Gas and Mining	5,709,234
Parks and Recreation	26,686,849
Water Resources	7,627,808
Water Rights	6,639,713
Wildlife Resources	39,706,465
Utah Geological Survey	4,581,850
Total	\$ 108,909,038

Lapsing/Nonlapsing \$ 20,997,724

Administration Funding Sources

Fiscal year ending June 30, 2001 (unaudited)

Revenue

General fund	\$ 4,249,100
Restricted funds	697,622
Total	\$ 4,946,722

Expenditures

Executive director's office	\$ 798,142
Endangered species	986,890
Property protection	159,924
Law enforcement	282,265
Public affairs	291,221
Human resources	383,587
Data processing	425,318
Budget and accounting	522,399
Energy resource planning	870,564
Bear Lake Commission	50,000
Total	\$ 4,770,310

Excess of revenue over expenditures

Nonlapsing balance	\$ 176,412
Total	\$ 176,412



Mike Glen explains the Cool Communities program.

Center for POLICY & PLANNING

Background

As the energy crunch of 2001 became more apparent, Governor Mike Leavitt decided it was time to merge the state's Office of Energy and Resource Planning and the Office of Energy Services into one entity.

During this transition period several other offices were consolidated under the umbrella of the Center for Policy and Planning. The center is made up of the Utah Energy Office, the Species Recovery Program and the Resource Development Coordinating Council. All three agencies are now housed within the Department of Natural Resources.

- Center for Policy and Planning
1594 West North Temple, Suite 3710
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Utah Energy Office staff.

Utah Energy Office

- 1594 West North Temple, Suite 3710
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Administrative Team

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Highlights of FY 2000 – 2001

July 1, 2000 – June 30, 2001

- Oversaw implementation of State Buildings Energy Efficiency program. The purpose of the program was to help meet the governor's executive order to reduce cumulative energy consumption in state owned buildings by \$20 million over the next 10 years.
- Helped develop the Governor's Energy Policy Principles, which included the PowerForward partnership with utilities and the media. This partnership provided information to the public on days it was critical to conserve energy.
- Instrumental in the Cool Communities and Sustainable Development programs. These programs showcase ways to promote efficient use of energy, increase air quality, strengthen local economies and enhance the quality of life in Utah for current and future generations.
- Partnered with federal, state, and local agencies in the Energy Smart Schools program. Utah schools consume more than \$33 million annually for heating and lighting. Through the Smart Schools program it is believed these energy costs can be cut by 20 to 25 percent. The program challenges participants to adjust individual behavior in becoming energy wise not only at school but also at home.
- Maintains and staffs the Energy HOTLINE, which provides general consumer information and referral service to the state's low income Weatherization Assistance and Heat (utility assistance) programs.



Reed Harris and Brenda Landureth.



John Harja.

Endangered Species Recovery Program

- 1594 West North Temple, Suite 3310
Salt Lake City, Utah 84114-5610

Administrative Team

- Director, Reed Harris
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- Administrative Assistant, Brenda Landureth
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Highlights of FY 2000 – 2001

July 1, 2000 – June 30, 2001

- Administers funds from the *Endangered Species Mitigation Act*. This act provides funds to assist local governments and citizens in complying with the *Federal Endangered Species Act*.
- Worked on publication of the Program Document for the Virgin River Resource Management and Recovery Program.
- Completed work on the Proposed June Sucker Recovery Implementation Program. The June sucker is unique to Utah Lake and was listed on the Federal Endangered Species List in 1986.

Lands Policy & Planning

- 1594 West North Temple, Suite 3710
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Administrative Team

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Highlights of FY 2000 – 2001

July 1, 2000 – June 30, 2001

- Evaluated Nuclear Regulatory Commissions dealings with Skull Valley Indians involving storage of nuclear waste on the reservation.
- Facilitated litigation and negotiation on more than 450 statewide projects.
- Helped in coordination of the state's Roadless Conservation Initiative.
- Instrumental in development of the state and federal forest plans.



"Explaining sovereign land issues first-hand to our advisory council members, as was done during a recent canoe trip on the Jordan River, is invaluable in helping them understand all sides of a problem."

– Barry Tripp, sovereign lands administrator

Utah Division of FORESTRY, FIRE & STATE LANDS

Mission Statement

Manages all state-owned nontrust lands, state forestry and fire control programs, and to derive optimum benefit from resources held in the public trust.

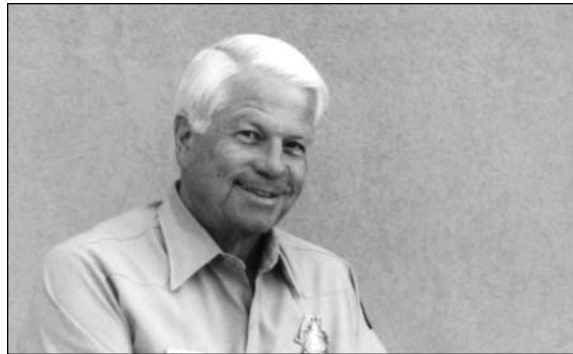
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<http://www.nr.state.ut.us/slf/slfhome.htm>



Jim Springer, Karl Kappe, Jennifer Gregerson, Dave Grierson and Joel Frandsen.

Executive Team

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Art DuFault served as State Forester from 1994 to 2001 before accepting a position with the School and Institutional Trust Lands Administration.

Highlights of FY 2000 – 2001

July 1, 2000 – June 30, 2001

- With the cooperative effort of the Division of Water Resources, the railroad causeway breach was deepened as called for in the *Comprehensive Management Plan for Great Salt Lake*. Recent chemical sampling of Great Salt Lake shows breach work is beginning to have the desired effect on south arm salinity.
- The Utah Forest Legacy program continued to grow with the acquisition of five conservation easements (or phases of past easements) on land parcels totaling 10,205 acres valued at \$9,000,000.
- While all elements of an extreme fire season were in place, the 2001 wildland fire season, with one month to go at the time of this writing, could be termed moderate. Nearly 900 fires have been reported statewide with less than 125,000 acres burned. Two factors are noteworthy: 1) infusion of additional resources due to National Fire Plan funding have enabled firefighters to quickly deal with most fires and 2) more fires than ever before have threatened structures, indicating continued growth of our wildland-urban interface.
- National Fire Plan funds resulted in the identification of more than 450 Utah communities deemed at risk from wildland fire. Area managers are currently executing forty projects to reduce the danger.
- The Lone Peak Conservation Center now partners with Utah Correctional Industries to manage the Flame-In-Go inmate firefighter program.
- A federal and state Interagency Hotshot Crew has become a national resource; a federal grant providing 80 percent of the operating cost. Additionally, six new fire engines were added that increase flexibility and mobility.
- Utah lawmakers enacted a *Forest Practices Act* to protect Utah's private forest landowners. Rules now are being drafted.
- For the third consecutive year, the number of Utah cities and towns recognized with TreeCity USA awards increased. Thirty-one communities earned this distinction, demonstrating the value they place on their urban forests.
- Completed Global Positioning Satellite location of the current Jordan River channel and abandoned oxbows from Utah Lake to Great Salt Lake. Land ownership and locations of the 1856, 1937 and 1963 Jordan River channels are being shared with local governments and other agencies that have management responsibility on the Jordan River.
- The Forest Health Program is collaborating with federal agencies to provide education and technical assistance to areas of the state dealing with infestations of spruce beetle, as well as an ongoing effort to detect and prevent gypsy moth outbreaks.



"During a tour in Tooele County, Commissioner Teryl Hunsaker shared some of his concerns with our citizen advisory council which helps them provide sound input in the development of division policies."

– Dick Buehler, Wasatch Front area manager

Forestry, Fire & State Lands Funding Sources

Fiscal year ending June 30, 2001 (unaudited)

Revenue

General funds	\$ 3,107,855
Restricted funds	1,450,025
Federal funds	5,667,394
Dedicated credits	2,335,598
Transfers from other agencies	625,937
Total	\$ 13,186,809

Expenditures

Personnel services	\$ 4,107,940
In-state travel	61,760
Out-of-state travel	91,661
Current expense	3,357,920
DP current expense	200,329
DP capital outlay	0
Capital outlay*	4,405,697
Other charges	961,502
Total	\$ 13,186,809

Excess of revenue over expenditures

Nonlapsing general funds	\$ 2,729,164
General funds lapsed to suppression fund	5,000,000
Restricted funds lapsed	10,675
Total	\$ 7,739,839

*Includes \$4,200,000 for conservation easements purchased with a federal funds.

Services and Functions

■ Sovereign Lands

Administers private and public uses of state-owned lake bed and riverbed lands in accordance with public trust doctrine.

■ Forest Stewardship/Agro-Forestry

Assists private landholders in managing resources: 1) timber marketing, 2) windbreaks, 3) water quality, 4) wildlife habitat improvement and 5) financial assistance to implement resource management plans.

■ Urban and Community Forestry

Urban foresters provide technical assistance and promote benefits of trees.

■ Wildland Fire Protection

Provides wildland fire prevention and protection on Utah's unincorporated private lands. Includes wildland fire suppression training and fire equipment grants to community and volunteer fire departments.

■ Lone Peak Conservation Center

Provides trained prison inmates to fight wildland fires, complete natural resource projects and work in the state conservation nursery. The center produces one million seedlings each year for Utah's conservation needs.

Regional Offices

■ **Lone Peak Conservation Center**

Glenn Beagle, program specialist
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■ **Bear River Area**

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■ **Northeastern Area**

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■ **Central Area**

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■ **Southwestern Area**

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■ **Southeastern Area**

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■ **Wasatch Front Area**

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Forestry, Fire & State Lands Advisory Council

- Kenneth R. Brown, Randolph
- Kathy Hammons, Sundance
- Stanley Leavitt, Kamas
- Judy Lever, Salt Lake City
- James Long, Logan
- Wayne Martinson, Salt Lake City
- Jack Ray, Salt Lake City
- Dan Tuttle, cochair, Salt Lake City
- Jim Springer, council coordinator,
(801) 538-5324

<http://dogm.nr.state.ut.us>

Utah! – Where ideas connect



"Escorting 14 congressional staff members, including Virginia Wilbert from the office of Congressman Bass, New Hampshire, on a tour of oil and gas facilities in Utah and Wyoming, aids in the development of an informed national energy policy."

– John Baza, associate director for oil and gas

Utah Division of OIL, GAS & MINING

Mission Statement

Regulates exploration for and development of oil, gas, coal and other mineral resources in Utah. When exploration and developmental activities are completed, the division ensures that oil and gas wells are properly abandoned and mining sites are satisfactorily reclaimed.

n Division of Oil, Gas and Mining
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Department of Natural Resources



Jim Springer, Vicki Bailey, Lowell Braxton, Carl Roberts, Ron Daniels, Mary Ann Wright and John Baza.

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- Executive Secretary, Vicki Bailey
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 Division of Oil, Gas & Mining

Highlights of FY 2000 – 2001

July 1, 2000 – June 30, 2001

n Oil and Gas Program

Approved 673 wells for drilling (up 99 percent), 573 wells begun (up 90 percent) and 433 wells completed or abandoned (up 64 percent). Natural gas production increased 1.3 percent while coalbed methane production was up 46 percent. Seventy-one wells were plugged during 2000.

n Minerals Program

Currently regulates 133 large mines, 377 small mines and 123 exploration projects. Of that number, 83 large mines, 213 small mines and 87 exploration projects are in active operation. Approved 11 large mine permits, 36 small mine permits, and 13 exploration permits. Four projects were placed in noncompliance, and Minerals Program staff coordinated reclamation of two large mine sites.

n Coal Program

Federal lease additions approved at four coal mines while 40 amendments were approved and eight exploration applications processed. During this period the Trail Canyon Mine achieved final bond release which means the mine site has been returned to pre-mining land use. Staff conducted 189 partial and 112 complete coal mine inspections.

■ Abandoned Mine Reclamation

Projects completed in Grand, Beaver, Sevier, San Juan, Iron, Tooele and Uinta counties. Recognizing education is the key to accident prevention, more than 40,000 Mining Utah's Heritage workbooks were distributed to fourth grade students.

Oil, Gas and Mining Funding Sources

Fiscal year ending June 30, 2001 (unaudited)

Revenue

General fund	\$ 1,495,800
Restricted fund	1,373,000
Federal funds	2,954,479
Dedicated credits	122,345
Fixed collections	0
Other	65,450
Nonlapsing to general funds	275,000
Total	\$ 6,286,074

Expenditures

Administration	\$ 1,117,233
Board of Oil, Gas & Mining	13,334
Oil and gas conservation	1,235,150
Minerals program	388,870
Coal reclamation	1,403,378
Oil, Gas & Mining nonlapsing funds	69,542
Abandoned mines	1,481,727
Total	\$ 5,709,234

Excess of revenue over expenditures

Nonlapsing to general fund	\$ 459,910
Lapsing to general fund	116,930
Total	\$ 576,840

Department of Natural Resources



It's important that we keep local officials informed about issues that effect them, in this case showing Emery County Commissioner Drew Sitterud the location of a new coal mine planned for Emery County."

— Division Director Lowell Braxton

Services and Functions

- n **Oil and Gas Permitting**
Collects, processes and maintains information on ownership, production, disposition and status of oil and gas exploration and production wells and facilities.
- n **Coal and Mineral Permitting**
Issues permits to coal and mineral mining operations to ensure their compliance with environmental laws and regulations.
- n **Injection Wells**
Permits and inspects injection and disposal wells and surface water disposal pits. Water is forced into injection wells to aid in recovery of additional oil assets. Disposal wells are depleted wells and used to store unusable water. The division enforces regulations concerning disposal of produced water and wastes from oil and gas exploration and production.
- n **Appeals**
Provides first level of administrative appeal to public on minerals, coal and oil and gas projects when there are objections.
- n **Abandoned Mine Reclamation**
Protects public health, safety and environment from unpermitted abandoned mine problems. Provides information to schools on hazards of abandoned mines.

n **Earth Day Awards**

Honors industry for reclamation work and innovations in environmental technology that go beyond what is required.

Regional Offices

- n **Roosevelt Office**
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- n **Price Office**
Pete Hess
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Board of Oil, Gas and Mining

- n Elise L. Erler, chair, Geology/Salt Lake City
- n Robert J. Bayer, Mining, Salt Lake City
- n Stephanie Cartwright, Environmental/
Salt Lake City
- n Douglas Johnson, Mining/Spring City
- n Allan Mashburn, Oil and Gas/Vernal
- n James Peacock, Oil and Gas/Salt Lake City
- n Kent Petersen, Mineral and Royalty Interests/
Ferron
- n Vicki Bailey, board secretary, (801) 538-5327



"Participating in community events, like this youth fair, is a great way to share our safety messages."

– Bruce Hamilton, manager, East Canyon State Park

Utah Division of PARKS & RECREATION

Mission Statement

Our goal is to enhance the quality of life for residents and visitors through parks, people and programs. We are responsible for protecting, preserving and managing many of Utah's natural and heritage resources.

■ Division of Parks and Recreation
1594 West North Temple, Suite 116
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1 (800) 322-3770 (Reservations)
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Deena Loyola, Steven Roberts, Dave Morrow, Courtland Nelson, Mary Tullius, Karen Mortenson and Ron Cowden.

Management Team

- Director, Courtland Nelson
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Directs all division operations including parks, programs and employees.
- Deputy Director, Dave Morrow
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Oversees park management and operations.
- Deputy Director, Mary Tullius
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Oversees statewide and administrative programs.
- Government Relations Coordinator, Steven Roberts
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Liaison to elected and appointed officials.
- Public Affairs Coordinator, Deena Loyola
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Coordinates information and media relations.
- Law Enforcement Coordinators, Jay Christianson and Ron Cowden
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Direct law enforcement operations.
- Administrative Assistant, Karen Mortenson
(801) 538-7362
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Provides administrative support to division director and parks board.



"With the world-class Soldier Hollow venue in their backyard, these students may be tomorrow's Olympians."

– Don Morgan, manager, Wasatch Mountain State Park

Highlights of FY 2000 – 2001

July 1, 2000 – June 30, 2001

Fiscal year 2000-2001 was one of preparing for the 2002 Olympic Winter Games, improving park facilities and developing management plans to ensure the future of our parks.

- Preparations for the 2002 Olympic Winter Games.
 - Completion of the Lodge at Soldier Hollow, dedicated January 5, 2001.
 - America's Public Lands – Educating visitors about the value of public lands.
 - Visitor Information Services – Providing information services to visitors.
 - Utah Olympic Public Safety Command – Ensuring public safety throughout the games.
 - Torch Relay – Four Utah state parks are included in the torch route.
- Facility improvements completed at Willard Bay, Bear Lake, Dead Horse Point, Goblin Valley and Palisade state parks.
- Preparation of a recreation resource management plan for Sand Hollow Recreation Area.
- Completion of the *Antelope Island State Park Review of Management Practices and Policy*.
- Preparation of resource management plans for Scofield and Willard Bay state parks.

Parks and Recreation Funding Sources

Fiscal year ending June 30, 2001 (unaudited)

Revenue

General fund	\$ 11,605,579
Federal funds	910,244
Restricted funds - boating	5,734,006
Restricted funds - OHV	3,205,915
Revenue from operations	7,921,830
Carry-over funds	9,816,591
Other grants	291,069
Sale of land	1,977,391
Sale of surplus property	9,000
Donations	31,882
Total	\$ 41,503,507

Expenditures

Operating budget	\$ 22,328,457
Capital budget	4,358,392
Total	\$ 26,686,849

Excess of revenue over expenditures

Nonlapsing balance	\$ 14,524,150
Lapsed to general fund	3,654
Lapsed to boating restricted fund ..	116,200
Lapsed to OHV restricted fund ...	172,654
Total	\$ 14,816,658



"We appreciate Governor Leavitt and his support of Safe Boating Week."

— Ted Woolley, Utah boating coordinator

Services and Functions

Manages Utah's state parks system, which includes operations, planning and protection of heritage, scenic and recreation parks.

■ **Grant Programs**

Administers Land and Water Conservation Fund, riverway, nonmotorized and motorized trails grant programs.

■ **Off-Highway Vehicles**

Administers summer and winter off-highway vehicle programs including education, trail maintenance, grant programs, user compliance, accident investigation, and search and rescue.

■ **State Boating Act**

Administers the *State Boating Act* on Utah waters, which includes safety, education and enforcement.

■ **Reservation Program**

Provides customer service and advance reservations for parks offering overnight camping and/or group day-use facilities.

Regional Offices

■ **Northeast Region**

Dennis Weaver, region manager
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■ **Northwest Region**

Jim Harland, region manager
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■ **Southeast Region**

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Moab, Utah 84532-3062
(435) 259-3750

■ **Southwest Region**

Gordon Topham, region manager
585 North Main Street
Cedar City, Utah 84720-2643
(435) 586-4497



"I enjoy teaching children to respect and protect our natural and cultural resources."

– Mike Nelson, manager, Anasazi State Park Museum

Utah State Parks

- **Anasazi State Park Museum**
Mike Nelson, park manager
(435) 335-7308
- **Antelope Island State Park**
Garth Taylor, park manager
(801) 773-2941
- **Bear Lake State Park**
Eldon Robinson, park manager
(435) 946-3343
- **Camp Floyd/Stagecoach Inn State Park and Museum**
Mark Trotter, park manager
(801) 768-8932
- **Coral Pink Sand Dunes State Park**
Eric Stucki, interim park manager
(435) 648-2800
- **Dead Horse Point State Park**
Lee Sjoblom, interim park manager
(435) 259-2614
- **Deer Creek State Park**
Rick Redmon, park manager
(435) 654-0171
- **East Canyon State Park**
Bruce Hamilton, park manager
(801) 829-6866
- **Edge of the Cedars State Park Museum**
Deborah Stevenson, park manager
(435) 678-2238
- **Escalante State Park**
G. Tom Shakespeare, park manager
(435) 826-4466
- **Fort Buenaventura State Park**
Bob Hanover, park manager
(801) 621-4808
- **Fremont Indian State Park and Museum**
Alden Hamblin, park manager
(435) 527-4631
- **Goblin Valley State Park**
Blaine Luke, park manager
(435) 564-3633
- **Goosenecks State Park**
Deborah Stevenson, park manager
(435) 678-2238
- **Great Salt Lake State Marina**
Bruce Strom, park manager
(801) 250-1898
- **Green River State Park**
Blaine Luke, park manager
(435) 564-3633
- **Gunlock State Park**
John Ibach, park manager
(435) 628-2255
- **Historic Union Pacific Rail Trail**
Mountain Trails Foundation, management
(435) 649-6839
- **Huntington State Park**
Ron Taylor, park manager
(435) 687-2491
- **Hyrum State Park**
Lee Gyllenskog, park manager
(435) 245-6866
- **Iron Mission State Park Museum**
Todd Prince, park manager
(435) 586-9290

■ **Jordan River State Park**

Bruce Strom, park manager
(801) 533-4496

■ **Jordanelle State Park**

Lyle Gingery, park manager
(435) 649-9540

■ **Kodachrome Basin State Park**

G. Tom Shakespeare, park manager
(435) 679-8562

■ **Lost Creek State Park**

Bruce Hamilton, park manager
(801) 829-6686

■ **Millsite State Park**

Ron Taylor, park manager
(435) 687-2491

■ **Minersville State Park**

Norm Forbush, park manager
(435) 438-5472

■ **Otter Creek State Park**

KayMar Willis, park manager
(435) 624-3268

■ **Palisade State Park**

Shon Tripp, park manager
(435) 835-7275

■ **Piute State Park**

KayMar Willis, park manager
(435) 624-3268

■ **Quail Creek State Park**

Gary Pascoe, park manager
(435) 879-2378

■ **Red Fleet State Park**

J. Curtiss Sinclear, park manager
(435) 789-4432

■ **Rockport State Park**

Steve Hewson, park manager
(435) 336-2241

■ **Scofield State Park**

Ron Taylor, park manager
(435) 448-9449

■ **Snow Canyon State Park**

John Ibach, park manager
(435) 628-2255

■ **Starvation State Park**

Lawrence Twitchell, park manager
(435) 738-2326

■ **Steinaker State Park**

J. Curtiss Sinclear, park manager
(435) 789-4432

■ **Territorial Statehouse State Park Museum**

Gordon Chatland, park manager
(435) 743-5316

■ **This Is The Place Heritage Park**

Vacant, director
(801) 582-1847

■ **Utah Field House of Natural History
State Park Museum**

Steve Sroka, park manager
(435) 789-3799

■ **Utah Lake State Park**

Robert Foote, park manager
(801) 375-0731

■ **Wasatch Mountain State Park**

Don Morgan, park manager
(435) 654-1791

■ **Willard Bay State Park**

Roland Bringham, park manager
(435) 734-9494

■ **Yuba State Park**

Pat Jerome, park manager
(435) 758-2611

Board of Parks and Recreation

■ Jeff Packer, chair, Brigham City/
Box Elder, Cache, Rich counties

■ Jack DeMann, vice chair, Murray/
Tooele, Salt Lake, Summit counties

■ Heather Campbell, Jensen/
Duchesne, Daggett, Uintah counties

■ Bill Hedden, Moab/
Carbon, Emery, Grand, San Juan counties

■ Joe Judd, Kanab/San Pete, Sevier,
Piute, Wayne, Garfield, Kane counties

■ Beverlee Murray, Bountiful/
Weber, Morgan, Davis counties

■ Scott Truman, Cedar City/Juab, Millard,
Beaver, Iron, Washington counties

■ Norman Nielsen, Heber City/Utah, Wasatch,
Duchesne, Daggett, Uintah counties

■ Scott Parsons, Ogden/at-large member

■ Karen Mortenson, secretary, (801) 538-7362



"Partnerships with civic leaders and local residents benefit our parks and communities around them."

– Courtland Nelson, director,
Utah State Parks and Recreation

Boating Advisory Council

- Roger K. Meyer, chair, West Jordan
- Annie Payne, Salt Lake City
- Steve Ingram, Salt Lake City
- Joe Linza, South Jordan
- Donna Luers, Sandy
- Carl Robertson, Sandy

Off-Highway Vehicle Advisory Council

- Bill Broadbear, Salt Lake City
- Fred Christensen, Bountiful
- Laurel Christensen, Lindon
- Robin Fehlau, Salt Lake City
- Tom Jensen, West Jordan
- Dale Grange, Hurricane
- Marsha Terry, Monroe
- Robert Uzelac, Highland
- Mark Williams, Castle Dale

Riverway Enhancement Advisory Council

- D. Maloy Dodds, chair, Panguitch
- F. Dean Allen, Layton
- Jim Child, West Bountiful
- Ben Coomer, Green River
- P. Kim Hamlin, Duchesne
- Steve Holmgren, Bear River
- Clyde R. Naylor, Provo
- Lon R. Richardson, Salt Lake City
- Scott Sneddon, Pleasant View

Utah Recreational Trails Advisory Council

- Bill Broadbear, Price
- Tony Chesrow, Heber City
- Lori Rose, St. George
- Tony Chesrero, Heber City
- Richard Hodges, Salt Lake City
- Robin Fehlau, Salt Lake City
- Ann Parr, Draper
- Kent Perkins, St. George
- Laura Howat, Salt Lake City



"During July and August 2001, landslide movement along Heather Drive in Layton damaged six houses. Three houses were moved off the landslide, and three severely damaged houses were demolished. The remains of a demolished house are in the background."

– Rich Giraud, geologist

UTAH GEOLOGICAL SURVEY

Mission Statement

The Utah Geological Survey is an applied scientific agency that creates, interprets and provides information about Utah's geologic environment, resources and hazards to promote safe, beneficial and wise use of the land.

■ Utah Geological Survey
1594 West North Temple, Suite 3110
P.O. Box 146100
Salt Lake City, Utah 84114-6100
(801) 537-3300 (801) 537-3400 (Fax)
www.ugs.state.ut.us



Kimm Harty, Richard Allis, John Kingsley and Cheryl Ostlund.

Management Team

- State Geologist/Director, Richard G. Allis
(801) 537-3305
nrugs.rallis@state.ut.us
Responsible for the overall direction and management of the agency.
- Deputy Director, Kimm M. Harty
(801) 537-3313
nrugs.kharty@state.ut.us
Responsible for day-to-day management of the agency. Serves as liaison to the Utah State Legislature.
- Associate Director, John Kingsley
(801) 537-3309
nrugs.jkingse@state.ut.us
Responsible for the agency's financial management, operations management and contracts/grants administration.
- Administrative Secretary, Cheryl Ostlund
(801) 537-3305
nrugs.costlund@state.ut.us
Responsible for managing the agency's office, supervising the agency's secretarial staff and payroll coordination. Serves as human resource liaison.

Highlights of FY 2000 – 2001

July 1, 2000 – June 30, 2001

■ Energy and Minerals Program

- Completed studies of remaining coal resources in eastern Book Cliffs coal field.
- Created maps of the geothermal and oil and gas resources in Utah, and oil and gas brochure.
- Published papers on coal resources of the Henry Mountains and northern Wasatch Plateau coal fields, and on industrial mineral deposits.
- Continued updating Utah mineral occurrence database and preparing GIS derivative products.
- Continued petroleum reservoir studies in Uinta Basin and Paradox Basin to help in opening new producing zones in old oil and gas wells, drilling new wells and designing improved field development strategies.
- Began a study of natural CO₂ reservoirs as analogues for potential deep reservoirs for sequestering CO₂ generated by electric power plants.

■ Environmental Sciences Program

- Paleontologists worked with landowners and local officials to preserve a dinosaur track site in St. George, began a detailed survey of vertebrate fossils in Grand Staircase-Escalante National Monument and began excavation of a new species of dinosaur at a site south of Green River.
- Utah Geological Survey scientists, with U.S. Department of Defense, mapped ancient Indian sites on Dugway Proving Ground.
- Hydrogeologists worked with the Division of Water Rights to assess ground-water conditions in Cedar Valley, Utah County, and with local officials to develop recommendations for septic-tank system density in Castle Valley (Grand County) and Cache Valley.

■ Geological Information and Outreach

- Assisted more than 600 people with inquiries. Taught K-12 teachers about Utah geology.
- Informed the public about geologic events and issues through news releases, a web site and informational brochures and articles.
- Assisted Division of Parks and Recreation with management resource planning.

■ Geologic Hazards Program

- Performed evaluations of geologic hazards and reviewed geologic hazards reports for new school sites in Utah.
- Completed an evaluation of the earthquake potential of the Hurricane fault in southwestern Utah.
- Produced geologic hazards maps for the central Cache Valley.
- Continued work on geologic hazards maps for Ogden Valley and the St. George area.
- Completed a cooperative study to evaluate earthquake shaking in the Salt Lake Valley.
- Began developing an earthquake scenario for a M7 earthquake in the Salt Lake City.
- Evaluated two landslides affecting residential areas in Layton and Mt. Green.
- Continued work with local governments to adopt geologic hazards ordinances and review geologic hazards reports.

■ Geologic Mapping Program

- Completed 7.5 quadrangle geologic maps of parts of northern Utah, areas near St. George and areas in central Utah.
- Completed 30' x 60' geologic maps of the Flaming Gorge area and of part of the San Rafael Desert area.



"Chemical analyses aid mapping and correlation of lava flows, and the flows themselves can provide important constraints on landscape evolution and the displacement history of major faults."

— Bob Biek, UGS geologist

Utah Geological Survey Funding Sources

Fiscal year ending June 30, 2001 (unaudited)

Revenue

General fund	\$ 2,329,400
Mineral lease fund	1,117,983
Federal grant	669,358
Dedicated credit	516,928
Agency transfer	243,818
Beginning nonlapsing account ...	281,809
Ending carry forward	(577,446)
Total	\$ 4,581,850

Expenditures

Administration	\$ 529,391
Geologic information and outreach	546,802
Technical services	675,903
Energy and minerals	1,102,834
Geological hazards	495,398
Geologic mapping	502,035
Board of UGS	4,132
Conference pass-through	56,730
Environmental sciences	668,625
Total	\$ 4,581,850

Excess of revenue over expenditures

Lapsed to general fund	\$ (0)
Total	\$ (0)

Services and Functions

■ Public Inquiry

Provide information on Utah geology and geologic issues to governments, educators, industry and the public. Offer instructions to teachers on aspects of geology.

■ Natural Resources Map & Bookstore

Offer selection of publications and maps on Utah geology and other natural resource topics. Maintain an inventory of topographic maps for all of Utah and parts of surrounding states.

■ Department of Natural Resources Library

House reference materials on Utah geology, wildlife, water and energy resources and full-size geophysical logs.

■ Core Research Center

Maintain facilities to store and examine rock core, petroleum samples, coal and geologic samples from Utah. Provide core photography, sample preparation, data searches and workshops.

■ Computer Data Bases

Provide access to data bases and bibliographies on energy and mineral resources; geothermal wells and springs; coal quality; oil and gas fields and wells; geophysical well logs; national uranium resource data; and geologic maps, hazards and resources.

■ **Geologic-Hazard Assistance**

Assist governments in responding to geologic-hazard events. Review reports on geologic hazards for local governments and school districts.

■ **Water-Resource/Environmental Evaluations**

Identify water resources. Protect drinking water supplies by investigating environmental impacts of waste disposal, storage and treatment facilities for state and local governments and agencies.

■ **Economic-Resource Evaluations**

Investigate economic resources of counties, school trust and sovereign lands for state and local governments and agencies.

■ **Paleontological**

PaleoEnvironmental Services

Evaluate and investigate paleontological/archaeological sites and assess long-term environmental trends. Issue paleontological excavation permits.

■ **Industry Cooperatives**

In cooperation with industry, oversee improved oil recovery research projects in the Uinta and paradox basins that have significant local and national application.

Regional Office

■ **Southern Regional Office**

William R. Lund and Robert Blackett
Electronic Learning Center, Room 116
Southern Utah University Box 9053
Cedar City, Utah 84720-2498
(435) 865-8126 (Lund)
(435) 865-5103 (Blackett)
(435) 865-8180 (Fax)

Board of Utah Geological Survey

- Robert Robison, chair, Minerals/Delta
- Charles Semborski, vice chair, Minerals/Price
- Craig Nelson, Engineering Geology/
Salt Lake City
- E.H. Deedee O'Brien, Public-at-Large/
Holladay
- Geoffrey Bedell, Minerals/Bingham Canyon
- Stephen Church, Minerals/Salt Lake City
- Ronald Bruhn, Scientific/Salt Lake City
- Stephen Boyden, ex officio



Water Resources board and staff tour Bear River Migratory Bird Refuge.

Utah Division of WATER RESOURCES

Mission Statement

To promote the orderly and timely planning, conservation, development, utilization, and protection of Utah's water resources.

■ Division of Water Resources
1594 West North Temple, Suite 310
P.O. Box 146201
Salt Lake City, Utah 84114-6201
(801) 538-7230 (801) 538-7279 (Fax)
<http://www.nr.utah.gov/wtrresc/wtrresc.htm>



Ron King, Nancy Fullmer, D. Larry Anderson, Dennis J. Strong and Lloyd H. Austin.

Executive Team

- Director, D. Larry Anderson
(801) 538-7250
Interstate Streams Commissioner, Governor's
Representative on Colorado River, Water
Development Coordinating Council
- Deputy Director, Dennis J. Strong
(801) 538-7297
Development Section
- Assistant Director, Lloyd H. Austin
(801) 538-7267
Planning Section
- Eric Millis, Legislative Liaison
(801) 538-7298
- Administrative Secretary, Nancy Fullmer
(801) 538-7251
- Public Information Officer, Ron King
(801) 537-3312



Division Director Larry Anderson joins Governor Mike Leavitt in kicking off water conservation campaign.

Highlights of FY 2000-2001

July 1, 2000 - June 30, 2001

- The Board of Water Resources authorized or committed nearly \$46 million to 37 water projects. One new dam safety study was funded for \$30,000.
- Completed the *Utah State Water Plan, Utah's Water Resources: Planning for the Future*. This document paints a picture of Utah's present and projected water needs.
- Published the final three of eleven basin plans associated with the 1990 *State Water Plan*.
- Adopted Colorado River Interim Surplus Guidelines governing water deliveries in Arizona, California and Nevada through 2016, while protecting water resources of the Upper Colorado River Basin states.
- Enacted Public Law 106-392 authorizing the Bureau of Reclamation to provide cost sharing among Colorado, New Mexico, Utah and Wyoming for endangered fishes recovery programs on the Upper Colorado River and the San Juan River.

Water Resources Funding Sources

Fiscal year ending June 30, 2001 (unaudited)

Revenue

General fund	\$ 2,638,900
Federal funds	0
Dedicated credits	67,674
Conservation and development account	4,775,100
Beginning nonlapsing account . . .	234,310
Revolving construction account . .	150,000
Total	\$ 7,865,984

Expenditures

Administration	\$ 429,506
Board of Water Resources	31,639
Interstate streams	252,788
Planning	1,820,532
Cloud seeding	149,557
Cities loan administration	93,701
Construction	1,539,985
Bear River/Wasatch Front	133,042
West Desert operation	3,730
Water education/conservation	169,524
Nonlapsing – water education/conservation	3,803
CUP mitigation	3,000,000
Total	\$ 7,627,808

Excess of revenue over expenditures

Nonlapsing to restricted funds . . . \$	165,292
Lapsed to revolving construction account . . .	443
Lapsed to conservation and development . . .	72,442
Total	\$ 238,177

Services and Functions

- **Development and Conservation Funds**
Board of Water Resources administers three state water development and conservation funds.
- **Technical Assistance**
Provides technical water development assistance to Utah water users.
- **Water Planning**
Maintains the *State Water Plan* that describes state's current and long term water-related needs. Inventories municipal and industrial water use and water-related land use. Performs water-use studies.
- **Computer Applications**
Develops GIS applications, water demand/supply and hydrologic models..
- **Interstate Streams**
The division director is Utah's interstate streams commissione, helping defend and protect Utah's right to develop and use its entitlements in the Colorado, Bear and Columbia rivers.
- **Weather Modification**
Promotes weather modification to augment naturally occurring snowfall.
- **Water Education/Conservation**
Works with local water agencies in developing and implementing water conservation programs to reduce the water use rate in Utah by a total of 25 percent before 2050.
 - Assists individuals and professional groups in promoting water conservation programs and projects.
 - Develops and distributes water education instructional materials to teachers and students in Utah's public schools.
 - Conducts annual statewide Young Artists Water Education Poster Contest for elementary school children.

Board of Water Resources

The board administers three state water conservation and development funds with technical help from the division.

- Lucille G. Taylor, chair, Provo River District/Utah, Juab, Wasatch counties
- Warren Peterson, vice chair, Sevier River District/Millard, Sanpete, Sevier, Piute, Wayne counties
- Cleal Bradford, Upper Colorado River District/Carbon, Emery, Grand, San Juan counties
- Ivan Flint, Weber River District/Weber, Davis, Morgan, Summit counties
- Brad Hancock, Green River District/Daggett, Duchesne, Uintah counties
- Bill Marcovecchio, Salt Lake District/Salt Lake, Tooele counties
- Harold Shirley, Lower Colorado River District/Beaver, Garfield, Iron, Washington, Kane counties
- Dr. J. Paul Riley, Bear River District/Box Elder, Cache, Rich counties



Water Rights inspectors at diversion on Central Utah Canal.

Utah Division of WATER RIGHTS

Mission Statement

To manage Utah's water with concern for existing water rights, the environment and public welfare.

■ Division of Water Rights
1594 West North Temple, Ste 220
P.O. Box 146300
Salt Lake City, Utah 84114-6300
(801) 538-7240 (801) 538-7467 (Fax)
<http://nrwrt1.nr.state.us>



Jerry Olds and Karen Peisley.

Executive Team

- State Engineer/Director, Jerry Olds
(801) 538-7240
Administers water rights applications and
water distribution from 36 river systems.
- Administrative Secretary/
Legislative Liaison, Karen Peisley
(801) 538-7416
- Public Information Officer, Ron King
(801) 537-3312



Rick Hall inspecting Boyer Lake.

Highlights of FY 2000 – 2001

July 1, 2000 – June 30, 2001

- Amendments were made again this year to Section 73-1-10 of the *Utah Code* entitled “Conveyance of Water Rights.” This year they were made by the county recorders to eliminate the need for county recorders to send copies of all water deeds to the division.
- The requirement for filing a Report of Conveyance to update title on water right records with the division went into effect on July 1, 2001. A total of 1,680 Reports of Conveyance have been filed to update title this past year.
- Scanning of water rights files was completed this year with more than 3.5 million documents available on the Internet. The division is continuing to scan all incoming documents for public access.
- Court decrees were obtained on the *Proposed Determination of Water Rights* for Area 15 Book 2, Area 45 Book 4 and Area 45 Book 5.
- The Dam Safety Section, with assistance from the regional offices, inspects some 350 dams each year. The state program to upgrade high hazard dams continues with funds appropriated by the legislature. Nineteen dams were upgraded. Seven dams are having plans prepared to meet minimum standards.
- In the past fiscal year, some 400 Stream Alteration Applications were processed. Issues involving altering of natural streams have become more complicated with the rapid growth of the state.
- On January 15, 2001, the Shivwits Band of the Paiute Tribe, the United States, the state of Utah, St. George City, Washington County Water Conservancy District and the water users on the lower Santa Clara River signed the Shivwits Water Rights Settlement Agreement and related documents.
- The project to convert the division’s computer system to a server and web based environment made significant progress during the past year. The project is about two-thirds complete and several applications have been placed online.
- 133 administrative hearings were held.
- A total of 4730 applications in all categories combined were filed.
 - Applications to appropriate 537
 - Change applications 1,114
 - Non-use applications 200
 - Exchange applications 96
 - Segregations 893
 - Diligence claims 20
 - Extensions 1,870
- Issued 730 Certificates of Beneficial Use.
- A total of 173 drillers were licensed, 122 drill rig operators were registered, 1168 wells were drilled and completed.
- A major revision of the Administrative Rules for Water Well Drillers was implemented beginning January 1, 2001. Revisions were made in the licensing requirements and the minimum construction standards.
- In conjunction with the revision of the administrative rules and in coordination with the

Utah Groundwater Association, the division implemented a continuing education program for water well drillers.

- Efforts continued to create and make available on the division's Internet home page interactive maps of the distribution systems.
- Although it was a very dry water year, distribution of water was successfully regulated on 48 distribution systems around the state by river commissioners and division staff.

Water Rights Funding Sources

Fiscal year ending June 30, 2001 (unaudited)

Revenue

General fund	\$ 5,831,283
Other funds	4,317
Dedicated credit	100,000
River systems collections	710,426
Total	\$ 6,646,026

Expenditures

Administration	\$ 521,226
Appropriation	704,305
Dam safety	560,854
Distribution/Adjudication	634,606
Cooperative studies	563,225
Technical services	627,068
Geothermal	11,462
Advertising	136,374
Regional offices	2,170,167
River systems	710,426
Total	\$ 6,639,713

Excess of revenue over expenditures

Lapsing to general fund	\$ 0
Nonlapsing general fund carry forward	6,313
Total	\$ 6,313

Services and Functions

■ **Water Right Applications**

Administers water right applications including 1) appropriation of water, 2) change point of diversion, place or use of water, 3) diligence and underground water claims, 4) resume use of water, 5) segregate a water right and 6) renovate or replace a well.

■ **Distribution and Measurement of Water**

Administers 48 river distribution systems overseeing 57 commissioners and deputy commissioners.

■ **Adjudication**

Presents to district court a proposed determination of water rights for each hydrologic area of the state where such investigations have been ordered by the court.

■ **Dam Safety**

Inspects approximately 400 public and private dams yearly. Inspections are based on each dam's hazard rating for loss of life and property.

■ **Stream Channel Alterations**

Administers natural stream alterations under terms of the *Utah Code* and a general permit from US Army Corps of Engineers.

■ **Geothermal**

Administers use of geothermal resources in the state. Inspects facilities and monitors pressure tests.

■ **Well Drilling Regulations and Licensing**

Oversees licensing and regulating of water well drillers in the state.

■ **Water Resource Studies**

Conducts quality/quantity studies of various river basins and hydrologic areas of the state.

■ **Public Record, Computer Data Bases**

Maintains comprehensive data base of all water rights records for entire state.

Regional Offices

■ **Cedar City Office**

Kerry Carpenter, regional engineer
585 North Main Street
P.O. Box 506
Cedar City, Utah 84721-0506
(435) 586-4231 (435) 586-7289 (Fax)

■ **Logan Office**

Bob Fotheringham, regional engineer
1780 North Research Parkway, Ste 104
Logan, Utah 84341-1940
(435) 752-8755 (435) 752-0062 (Fax)

■ **Vernal Office**

Bob Leake, regional engineer
State and County Building
152 East 100 North
Vernal, Utah 84708-2126
(435) 781-5327 (435) 789-8343 (Fax)

■ **Richfield Office**

Kirk Forbush, regional engineer
130 North Main Street
P.O. Box 563
Richfield, Utah 84701-0563
(435) 896-4429 (435) 893-8114 (Fax)

■ **Price Office**

Mark Page, regional engineer
435 South Carbon Avenue
P.O. Box 718
Price, Utah 84501-0718
(435) 637-1303 (435) 637-7937 (Fax)

■ **Utah Lake/Jordan River Office**

Jim Riley, regional engineer
1594 West North Temple, Ste 220
P.O. Box 84114-6300
(801) 538-7240 (801) 538-7467 (Fax)

■ **Weber River Office**

John Mann, regional engineer
1594 West North Temple, Ste 220
P.O. Box 146300
Salt Lake City, Utah 84114-6300
(801) 538-7240 (801) 538-7467 (Fax)



"Effective conservation law enforcement is an important part of the job."

– Stacy Taggart, conservation officer

Utah Division of WILDLIFE RESOURCES

Mission Statement

To serve the people of Utah as trustee and guardian of the state's wildlife. Regulates hunting, fishing and trapping, and promotes recreational, educational, scientific and aesthetic enjoyment of wildlife.

■ Division of Wildlife Resources
1594 West North Temple, Suite 2110
P.O. Box 146301
Salt Lake City, Utah 84114-6301
(801) 538-4700 (801) 538-4709 (Fax)
<http://www.wildlife.utah.gov>



Kathie Davies, Larry Dalton, Kevin Conway, Miles Moretti, Cindee Jensen and Michael Fowls.

Executive Team

- Interim Director, Kevin Conway
(801) 538?4702
- Assistant Director, Miles Moretti
(801) 538?4734
- Interim Assistant Director, Cindee Jensen
(801) 538-4708
(801) (801) 538-4734
- Legislative Liaison, Michael Fowls
(801) 491-5647
- Conservation Outreach/Public Affairs,
Larry Dalton
(801) 538-4816
- Administrative Secretary, Kathie Davies
(801) 538?4703



"Legislative field trips are a great way to showcase the state's hatcheries."

— Kevin Conway, assistant director

Highlights of FY 2000 – 2001

July 1, 2000 – June 30, 2001

■ **Habitat**

- Produced a final draft map of Utah's at-risk Essential Wildlife Habitat.
- Completed a wetlands conservation strategy for the division's northern and central regions.
- Several conservation easements with private landowners were developed in good elk habitats in cooperation with the Rocky Mountain Elk Foundation and other partners.
- Demonstrated beneficial use of several division water rights. Finalized two in-stream flow filings on the Virgin River and its tributaries.
- Participated extensively in stream restoration efforts on the Provo, Weber and White rivers, the East Fork of the Sevier River, and on Thistle Creek and Curtis Creek.
- Began a historical aerial photograph review to quantify loss of wetland habitats at Locomotive Springs waterfowl management area.
- Expanded the centralized wildlife information database with the addition of hundreds of detailed species occurrence records and the updating of life history information for Utah's rarest species. Began the process of revising all of the division's existing wildlife habitat map layers.
- Completed development of the Utah Conservation Data Center web site ([www](http://www.utahcdc.usu.edu)).

utahcdc.usu.edu). This outreach effort allows the public to learn about Utah's animal and plant species, view photographs and range maps, make and print custom wildlife maps, download wildlife GIS data and read reports.

- Conducted amphibian and reptile surveys throughout large areas of western and southern Utah.
- Responded to hundreds of requests for Utah biodiversity information from private business, educators, government agencies and others.
- Assessed impacts to protected wildlife from numerous proposed development projects and provided constructive comments to lessen negative impacts on wildlife.

■ **Aquatics**

- Produced and stocked 8,598,365 fish weighing a total of 794,940 pounds from nine production hatcheries, the Fisheries Experiment Station and Wahweap Facility in 2000. Seventeen different species and strains of fish, including rainbow, brook, brown, cut-throat and grayling were stocked.
- During 2000 about 27.6 million fish were caught from Utah waters by anglers. Approximately 75 percent were cold water fish and 25 percent warm water fish. Of the total fish caught, about 7.5 million were kept. About 73 percent were released.
- The Kamas Hatchery reconstruction was completed, and the hatchery is fully operational; construction began on the new Fountain Green Hatchery in February 2001.



"I enjoy talking to hunters in the field – it is an important part of wildlife management."

– Arlo Wing, wildlife technician

- Numbers of spawning June sucker in the Provo River increased in 2001. At less than 100, the numbers are still far below historic levels, but the increase is encouraging.
- Hatchery-raised razorback sucker were stocked into streamside depressions along the Green River. Fish introduced into these habitats increased their length and weight threefold in three months. Some of the razorback suckers grown in the streamside depressions have been captured as adults in the Green River.
- Stream restoration of the East Fork of the Sevier River in Garfield County included realignment and construction of 1600+ feet of new channel to provide enhanced aquatic and riparian habitat.
- The division completed construction of Willow Pond in cooperation with Murray City, Silver Cup Fish Food and the Stonefly Society. The pond will open to fishing on June 1, 2002. It creates a new, four-acre fishing pond for young urban anglers.
- Work was completed for several motorboat access facilities, including new courtesy docks at many state parks, new boat ramps at Utah Lake State Park, new restroom facilities at Bear Lake State Park, new ramp and restrooms at Lincoln Beach (in cooperation with Utah County), new ramp and restrooms at Mona Reservoir (in cooperation with Juab County), new facilities at Forsyth Reservoir (in cooperation with the Fishlake National Forest) and new fish cleaning station at Panguitch Lake (in cooperation with Dixie National Forest).
- A five-year, statewide angler survey was conducted last year. Nearly 500,000 fishing licenses were purchased in 2000. An estimated 700,000 children fished with a licensed angler. Utah license holders fished an average of 12.1 days per year for a total of 5.88 millions angler-days. This was the highest level ever recorded for the state.
- Governor Leavitt created a Blue Ribbon Fisheries Initiative in 2001 and appointed a Blue Ribbon Fisheries Advisory Council to help develop the program. The council will provide recommendations to the director of the Division of Wildlife Resources for developing and implementing quality Blue Ribbon fisheries in Utah. The Legislature appropriated \$300,000 for FY 2001-02 for the Blue Ribbon Fisheries program.
- Range-wide conservation agreements and strategies for Bonneville cutthroat trout and Colorado River cutthroat trout were completed and signed by the states, U.S. Fish and Wildlife Service, federal land management agencies and other entities.
- Great Salt Lake conditions changed significantly during 2000. The lake elevation dropped from about 4202 feet to 4200 feet, resulting in increased concentration of the brines. The south arm salinity is now 10 percent, up from 7 percent three years ago.
- The Lakeside breach in the Northern Railroad Causeway was dredged and

cleaned, allowing more lake water from the north arm of the lake to enter the south arm, which also helped to increase salinity.

- The combination of brine shrimp harvest management, good winter survival of eggs, more favorable salinity and a warm fall produced a record 20 million pounds harvest of brine shrimp biomass. This was a dramatic increase above the 2.6 million pound harvest in 1999 and the previous record harvest of 14.7 million pounds achieved in 1995-96.

■ **Wildlife**

- Mule deer populations statewide have recovered to over 80 percent of statewide objectives. Buck: doe ratios meet or exceed objectives on almost all units.
- Increased habitat projects to benefit deer and elk using conservation permit funds.
- Captured and transplanted approximately 200 antelope to a new site near the Utah/ Nevada border; captured and relocated 46 bighorn sheep in Utah from both out-of-state and in-state populations; captured and relocated 21 mountain goats.
- Implemented an experimental spring bear hunt to reduce the percentage of female bears in the sport harvest and reduce the incidence of bear depredation on livestock. An orientation course to help hunters tell the difference between male and female bears was developed.
- Released 69 black-footed ferrets in Coyote Basin, Uintah County, during the fall of 2000 (the second release). Surveys indicate that reproduction has occurred.
- Held public meetings throughout the state to inform the public and gather input about the status of gray wolves in the Rocky Mountains and Utah.
- Continued the forest carnivore study to determine the presence and distribution of lynx, wolverine and fisher in Utah.
- Updated draft Avian Conservation Strategy for Partners In Flight Program; 24 priority species were identified as needing intensive management.

- Completed a Gunnison sage grouse conservation plan for Utah to recover the species and avoid federal listing; obtained funding and completed purchase of a 2,246 acre conservation easement in San Juan County.
- Relocated 1,118 wild turkeys in Utah from both resident flocks and out-of-state sources; reared and released more than 4,000 chukars and 1,300 pheasants.
- Held five youth pheasant hunts and a youth waterfowl hunt in the fall of 2000.

■ **Law Enforcement**

- Officers issued 4,472 citations and 1,238 warnings and conducted 1,783 investigations, a 36 percent increase over last year.
- Officers spent 93,343 hours in general law enforcement activities; 21,964 hours conducting investigations; 10,408 hours training; and 13,108 hours on special projects.
- Continued preparations to support and assist in the 2002 Winter Olympic Games. All officers have participated in additional training, including specialized training for emergencies in support of local law enforcement.
- Hosted the Western Wildlife Law Enforcement Association meeting at Zion National Park in April 2001. This was a very successful meeting and furthered cooperation between wildlife agencies in the Western United States.
- The Hunter Education Program trained 12,950 people. There are currently 665 active hunter education instructors. More than 71 new instructors were trained this fiscal year.
- More than 23,000 school children have completed the Eddie Eagle gun safety program, including all elementary age students in Washington, Iron and Tooele counties.

■ **Conservation Outreach**

- Implemented program planning to focus outreach marketing efforts promoting wildlife-associated outdoor recreational use and enjoyment of Utah's wildlife resources. Responded to 47,000 telephone calls at Salt Lake office's Wildlife Information Center.



John Kimball retired as director of Wildlife Resources.

- The Wildlife Resources building at the Utah State Fair Park attracted about 300,000 visitors last year; about 1.4 million people saw the division's float in the Days of '47 and other parades, where it has won prestigious awards.
- The Nature Tourism and the Watchable Wildlife programs hosted or participated in 52 trips, events and festivals, attracting more than 6,000 participants. These included Bald Eagle Day, Davis County's Great Salt Lake Bird Festival, Delta City's Snow Goose Festival, Hyrum City's Hardware Ranch Elk Festival, Moab City's Desert Bighorn Sheep Festival and Washington County's Desert Wildlife Festival.
- Project WILD conducted 20 workshops, training more than 400 teachers, while maintaining contact with thousands of previously trained teachers through three newsletters and development of additional wildlife notebook series.
- The Becoming an Outdoors Woman program conducted 15 workshops, training more than 450 women while marketing the program to civic and professional groups.
- The media program published nine wildlife proclamations, distributing 1.2 million copies to hunters, anglers and others.
- About 80,000 copies of *Wildlife Review*, a quarterly, full-color magazine, were published and distributed.
- *Utah Wild*, a half-hour, monthly TV program, was produced and broadcast on KUED, channel 7 public television, reaching

several thousand households each month. It has become the most popular locally produced program on KUED.

■ Public Services

- The division received funds from new sources for nongame wildlife protection, including the conversion of a state sales tax to help with endangered species. State funds received in FY 2000-01 were under \$100,000 but will exceed \$1,000,000 in FY 2001-02. The federal government passed legislation providing more than \$100 million nationally under the WCRP and CARA programs. Under those programs, the division received \$680,000 in FY 2000-01.
- In January 2000, the division launched its Internet license sales site, initially limited to the sale of fishing licenses. Since that time, deer and elk tags have been added. For calendar year 2001, the division has issued approximately 13,000 documents and generated more than \$5 million in revenue.

■ Director John Kimball retires

John Kimball retired from the Utah Division of Wildlife Resources after a distinguished 37-year career.

He will be remembered as a dedicated professional who rose through the ranks from humble beginnings as a field biologist in the mid-1960s. As director from 1996 to 2002, he guided the agency through a challenging transition into the 21st century with skill, foresight and an unfailing commitment to the people of Utah and to the state's wildlife resources.



Jerry Openshaw remembered as a dedicated professional who loved what he did.

Memorial

Jerry Openshaw, a Division of Wildlife Resources' employee, lost his life in a helicopter accident on Dec. 27, 2001. The accident also took the lives of two employees of Helicopter Capture Services.

Jerry had learned much about filming while serving in conservation outreach (public affairs) positions with the division and was filming a moose capture near Mountain Dell Reservoir east of Salt Lake City when the accident occurred.

"Jerry had a deep love and respect for wildlife and an interest in sharing that love and respect with people," said John Kimball, who recently retired as director of the division. "He was a good professional, and we will miss him."

"Jerry always enjoyed the opportunity to interact with wildlife and to take that experience to adults and kids," said Bob Hasenyager, manager of the Northern Region. "Jerry was very much part of our family in the region, always looking for ways to help our people and the state's wildlife. We truly feel like we've lost one of our family."

Openshaw, 34, of Sunset, began his career with the Division of Wildlife Resources in 1998 as a conservation outreach specialist in the DWR's Northern Region. He later accepted the added responsibility of serving as the region's conservation outreach manager. In late November 2001, he was promoted to the position of regional fisheries biologist.

Openshaw leaves behind a wife and three daughters.

Wildlife Resources Funding Sources

Fiscal year ending June 30, 2001 (unaudited)

Revenue

General fund	\$ 3,569,400
Federal fund	12,202,807
Restricted funds – collections	23,153,436
Dedicated credits	2,535,223
Plus FY 2000 carry-forward funds	2,771,396
Plus transfer-in from	
171 restricted account	722,828
Transfer-out to Agriculture	(65,300)
Total	\$ 44,889,790

Expenditures

Administration	\$ 1,624,390
Public services	4,990,028
Conservation outreach	1,704,261
Law enforcement	6,102,144
Fisheries management	7,693,419
Game management	4,742,405
Native wildlife/aquatic	1,854,220
Habitat	2,428,220
Habitat projects	1,926,633
Capital facilities	3,726,958
Contribution research	344,648
Cooperative agreements, CUP ...	2,569,139
Total	\$ 39,706,465

Excess of revenue over expenditures

Nonlapsing to general fund	\$ 275,645
Nonlapsing restricted - Fund 167 .	1,000,000
Nonlapsing restricted - Fund 171 .	275,645
Nonlapsing restricted - Fund 172 .	853,299
Nonlapsing restricted - Fund 174 .	660,000
Nonlapsing to dedicated credits ..	1,640,237
Lapsed to	
hatchery maintenance account - 167	456,337
Lapsed to habitat fund - Fund 174	22,162
Total	\$ 5,183,325

FY 2000-01 – Federal Aid Summary

Major funding sources

Pittman-Robertson –	
wildlife restoration	\$ 3,024,987
Dingell-Johnson –	
sportfish restoration	4,674,646
Section 6 – endangered species ...	2,323,045
Other federal funds	0
Federal cooperative	
agreements, CUP	2,180,129
Total	\$ 12,202,807

Services and Functions

■ **Licenses**

Sells hunting and fishing licenses. Publishes proclamations that contain rules and regulations for hunting, fishing, trapping and other wildlife-related activities.

■ **Certificates of Registration**

Issues licenses and certificates of registration to falconers, private pond owners, individuals who wish to own exotic pets, etc.

■ **Fisheries Experiment Station**

Monitors Utah's wild fish populations and division's fish hatcheries. Provides hatcheries with disease treatments.

■ **Hunter Education**

The hunter education program trains young adults in safe handling of firearms. The course is a prerequisite to purchase hunting licenses. Lee Kay Center for Hunter Education, (801) 972-1326, and Cache Valley Hunter Education Center, (435) 753-4600, provide hunter education courses and public shooting range.

■ **Becoming an Outdoors Woman Program**

Teaches women hunting, angling and other outdoor recreation skills. (801) 538-4710.

■ **Publications**

Produces publications such as *Wildlife News* and *Wildlife Review* with news, information and education for hunters, anglers and others.

■ **Radio and Television Shows**

Produces weekly radio show, "Discover Utah Wildlife," for many stations and a monthly television show, "Utah Wild," on KUED.

■ **Project WILD**

Administers Project WILD, a wildlife education program that trains teachers, resource agency personnel, home school educators, scout leaders and others how to teach children about wildlife and the environment.

■ **Natural Heritage Program**

Identifies and monitors sensitive plant and animal species and creates a data base for making natural resource decisions.



"Introducing kids to the world of wildlife brings me a lot of personal satisfaction."

— Bob Walters, wildlife biologist

■ **Hatcheries**

Owns and operates 10 state fish hatcheries.

■ **Urban Fishing Program**

Provides urban fishing opportunities and fishing classes for Utah youth and families.

■ **Dedicated Hunter Program**

Provides additional hunting and educational opportunities for Utah hunters who do volunteer work for wildlife.

Regional Offices

■ **Northern Region (Ogden)**

Bob Hasenyager, regional supervisor
(801) 476-2740 (801) 479-4010 (Fax)

■ **Northeastern Region (Vernal)**

Walt Donaldson, regional supervisor
(435) 789-3103 (435) 789-8343 (Fax)

■ **Central Region (Springville)**

Dave Hintze, regional supervisor
(801) 491-5678 (801) 491-5646 (Fax)

■ **Southern Region (Cedar City)**

Jim Guymon, regional supervisor
(435) 865-6100 (435) 586-2457 (Fax)

■ **Southeastern Region (Price)**

Kevin Christopherson, regional supervisor
(435) 636-0260 (435) 637-7361 (Fax)

Wildlife Board

- Dr. Jim Bowns, Cedar City
(435) 586-9394

- Coni Brooks, Highland
(801) 756-8246

- Richard Diamond, Ogden
(801) 627-1078

- Brenda Freeman, North Ogden
(801) 737-9709

- Dr. Max G. Morgan, chair, Price
(435) 637-2300 (Work)

- Paul Niemeyer, Richfield
(435) 896-4254

- Allan Smith, Duchesne
(435) 725-3232

- Kevin Conway, interim executive secretary
(801) 538-4702

Wildlife Regional Advisory Councils

■ **Northern Region**

Ernie Perkins, chair, Ogden
(801) 544-5123

■ **Central Region**

Rick Woodard, chair, Provo
(801) 377-1903

■ **Southern Region**

Sam Rowley, chair, Monroe
(435) 896-8550

■ **Southeastern Region**

Dave Bierschied, chair, Moab
(435) 259-8217

■ **Northeastern Region**

Kathy Paulin, chair, Vernal
(435) 789-4506



Craig Call (left) discusses property concerns with agency officials.

Office of PRIVATE PROPERTY OMBUDSMAN

Mission Statement

To help property owners understand and protect their constitutional property rights; to advise and train government officials about property rights issues; and to resolve disputes without the delays, cost and hassle of litigation.

■ Private Property Ombudsman
1594 West North Temple, Suite 3710
P.O. Box 145610
Salt Lake City, Utah 84114-5610
(801) 537-3455 (801) 538-7315 (Fax)
<http://www.utahpropertyrights.com>

Administrator

- State Ombudsman, Craig Call
(801) 537-3455
nradm.ccall@state.ut.us
Private property-rights advocate.

Highlights of FY 2000-2001

July 1, 2000 – June 30, 2001

- Assisted more than 800 property owners with answers to questions, written opinions, mediation or arbitration of disputes.
- Published 32-page booklet, *Your Rights to Private Property – What to Do When the Government Wants to Acquire Your Land*.
- Planned and staged several conferences on private property rights and eminent domain.
- Built a data base of appraisers and arranged for second appraisals for property owners.
- Testified before legislative committees on legal fees in eminent domain and reform of condemnation law.